

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 503.35443CC4	SERIAL NO. <del>FDD</del>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		APPLICANT NAGAI, et al.	
		FILING DATE December 1, 2003	EXPECTED GROUP 2813 4717

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
JB	AA 5,561,323	10-96	Andros, et al.	257	707	
JB	AB 5,668,405	9-97	Yamashita	257	668	
JB	AC 5,800,758	9-98	Topolkaev, et al.	264	154	
JB	AD 5,866,949	2-99	Schueler	257	778	
JB	AE 5,895,965	4-99	Tanaka, et al.	257	668	
JB	AF 5,148,265	9-92	Khandros, et al.			
JB	AG 6,114,753	9-00	Nagai, et al.	257	668	
JB	AH 5,990,545	11-99	Schueler, et al.	257	697	
JB	AI 5,900,312	5-99	Sylvester	428	322.7	
JB	AJ 5,766,740	6-98	Olson	428	209	
JB	AK 5,219,640	6-93	Gazit, et al.	428	209	
JB	AL 4,461,800	7-84	Tanaka	428	217	

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
JB	AM 4-3438	01-08-92	Japan	—	—	X	
JB	AN 8-83818	03-26-96	Japan	—	—	X	
JB	AO 9-107046	04-22-97	Japan	—	—	X	
JB	AP 8-111473	04-30-96	Japan	—	—	X	
JB	AQ 6-256733	09-13-94	Japan	—	—	X	
JB	AR 9-275161	10-21-97	Japan	—	—	X	
JB	AS 6-346030	12-20-94	Japan	—	—	X	
JB	AT 8-31868	02-02-96	Japan	—	—	X	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AU	
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Examiner	Date Considered
Heather Doty	5/4/05